

# Xiang Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2163545/publications.pdf>

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8  
papers

95  
citations

1478505

6  
h-index

1720034

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g-index

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all docs

8  
docs citations

8  
times ranked

48  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of the failure of shield grease seals under the influence of environmental factors: A case study. <i>Engineering Failure Analysis</i> , 2022, 133, 105975.	4.0	9
2	Experimental investigation of the dynamic sealing of shield tail grease under high water pressure. <i>Tunnelling and Underground Space Technology</i> , 2022, 121, 104343.	6.2	1
3	Theoretical analysis of the barrier effect of embedded isolation piles on tunneling-induced vertical ground displacements. <i>Computers and Geotechnics</i> , 2022, 144, 104609.	4.7	7
4	Prediction and analysis of slurry shield TBM disc cutter wear and its application in cutter change time. <i>Wear</i> , 2022, 498-499, 204314.	3.1	10
5	A New Calculation Method of Cutterhead Torque Considering Shield Rolling Angle. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 396.	2.5	0
6	Horizontal mechanical responses of single pile due to urban tunnelling in multi-layered soils. <i>Computers and Geotechnics</i> , 2021, 135, 104164.	4.7	12
7	Theoretical analysis of three-dimensional ground displacements induced by shield tunneling. <i>Applied Mathematical Modelling</i> , 2020, 79, 85-105.	4.2	36
8	Influence of Shield Attitude Change on Shield-Soil Interaction. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1812.	2.5	20